

trolley:2.0

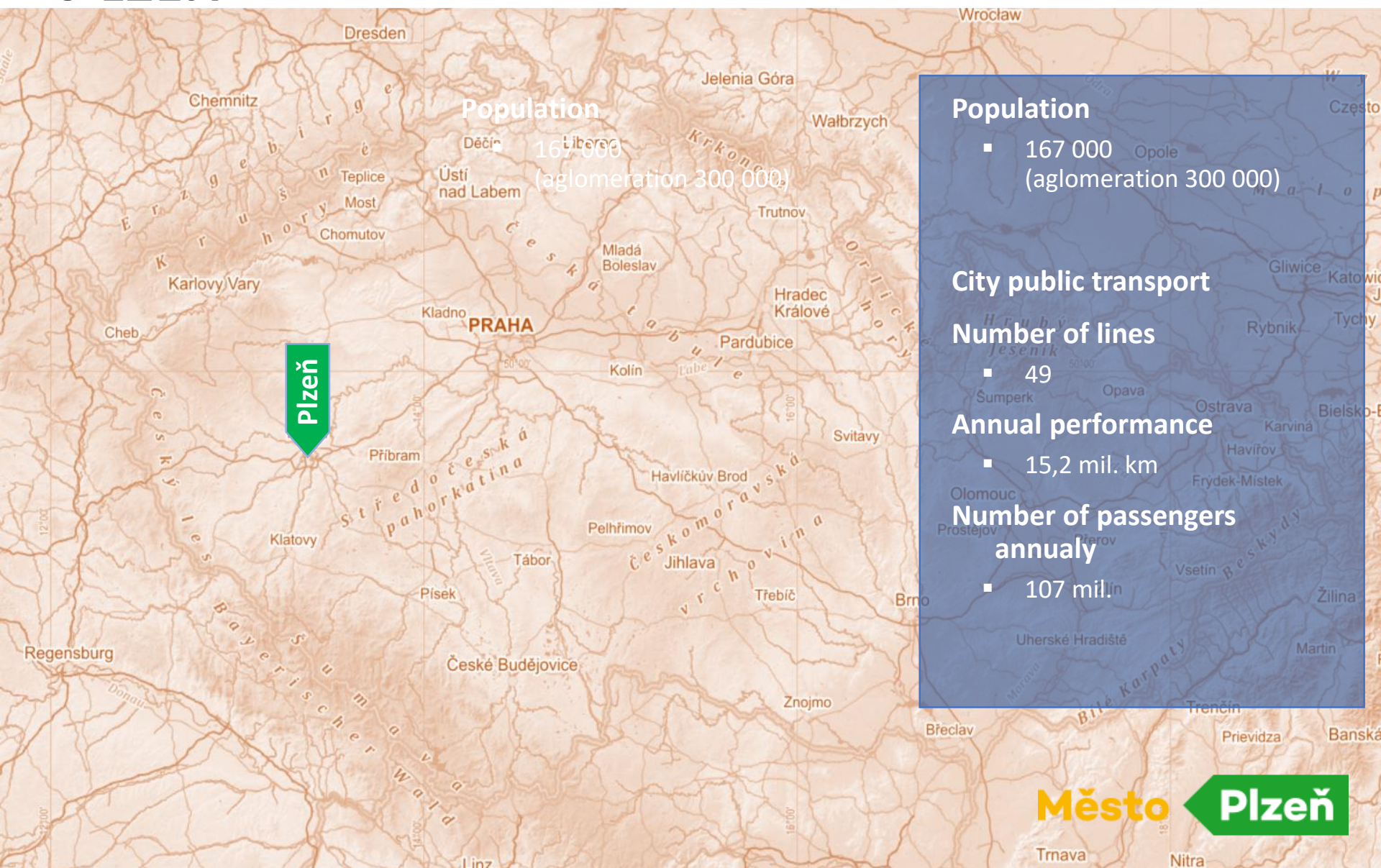
for smart cities

Growing e-mobility in Pilsen

20. 11. 2018 - Jiří Kohout



PLZEŇ



Population

- 167 000
(agglomeration 300 000)

City public transport

Number of lines

- 49

Annual performance

- 15,2 mil. km

Number of passengers annually

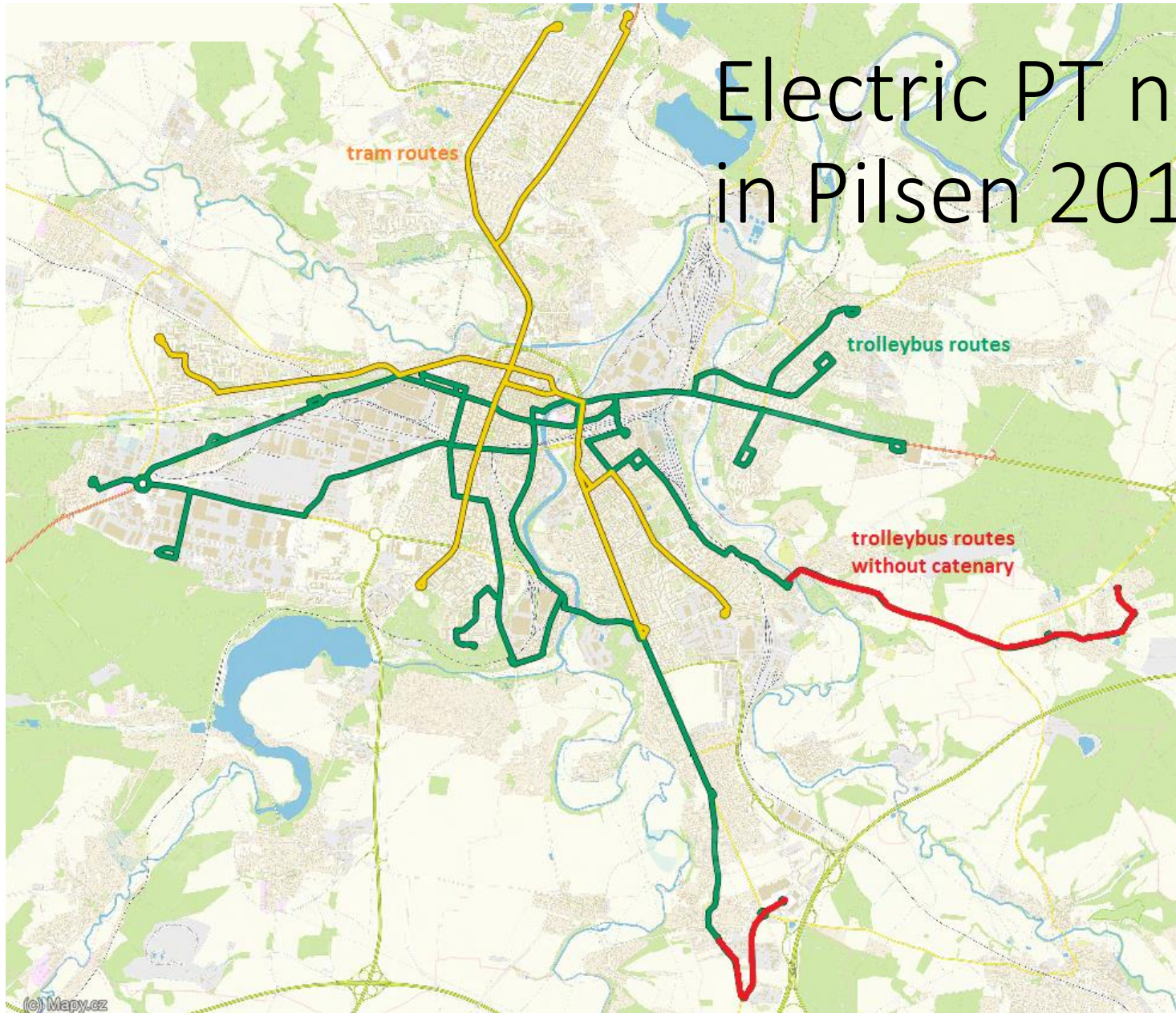
- 107 milln

Město  **Plzeň**

Plzeňské městské
dopravní podniky

PMDP

Electric PT network in Pilsen 2018



Pilsner Smart City Goal

*“To increase share of electric traction in public transport -
trams and trolleybuses - in Pilsen
from 64 % in 2015 to 85 % in 2030”*

It means **converting 3.2 mil. km annually from diesel to electric mode**

- opening one new tram extension to West Bohemia university
- using **battery-hybrid trolleybus technology** (in-motion charging)
- partial widening of trolleybus infrastructure

First steps and future plans

- ✓ *done:* Sustainable urban mobility plan for Plzeň (till 2025)
- ✓ *done:* Sustainable urban mobility plan for Plzeň (till 2025)
- **Plan to purchase in next 7 years:**
 - next 25 standard battery-hybrid IMC trolleybuses
 - 14 articulated battery-hybrid IMC trolleybuses
- Study of a new trolleybus route to the Northern Suburb



Possible trolleybus development

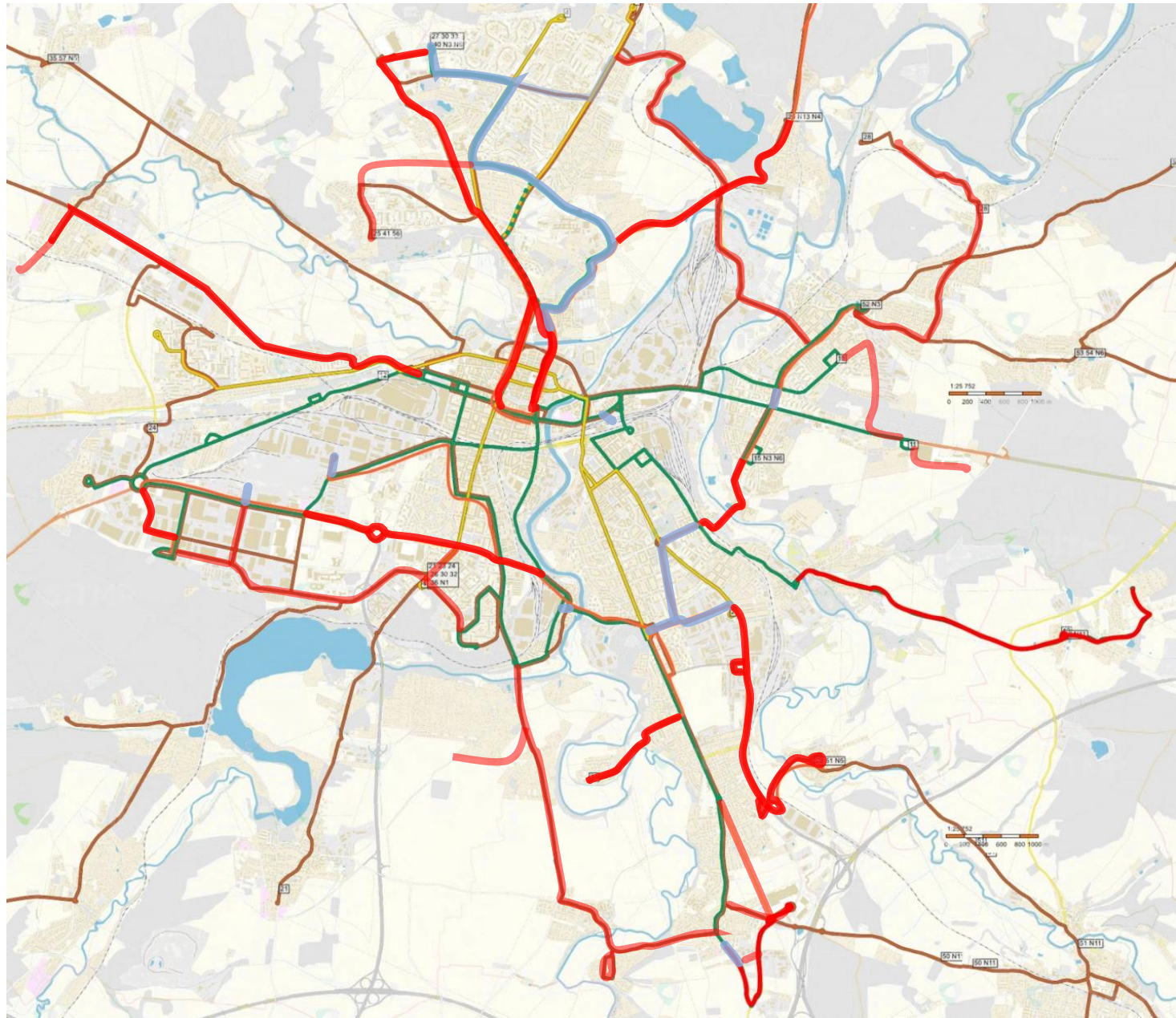
Existing overhead lines

Planned and prospective overhead lines

Battery mode sections

Prospective battery mode extensions

Other diesel bus routes



Thank you for your attention!

Jiří Kohout

kohout@pmdp.cz